

1
a
cont
4. (Amended) The system according to claim 41, wherein the at least one target device includes at least one of a light control device, a climate control device, a computer, a printer, a display device, an audio system, a telephone, a television set, a toy, a motorized device, a controllable device, a home appliance control device.

5. (Amended) The system according to claim 41, further comprising:

a network arrangement facilitating a transmission of the transmission signal from the first device to the second device.

a3
7. (Amended) The system according to claim 41, wherein the transmission signal is in one of an analog format and a digital format.

a3
cont
13. (Amended) A generating device of a system for providing a transmission signal, the system controlling at least one target device, comprising:

a command receiver receiving a command signal for use in controlling the at least one target device, the command signal being received from a command device;

a command coder converting the command signal into a first signal, the command coder being coupled to the command receiver;

a data receiver receiving a data signal from an input device; and

a data coder converting the data signal into a second signal, the data coder being coupled to the data receiver;

a modulator coupled to the command and data coders and generating the transmission signal using the first and second signals; and

a transmitter coupled to the modulator and transmitting the transmission signal, wherein data in the command signal and data in the data signal are linked so that when the data signal is used at a receiving end of the transmission signal,

A3
Contd

the at least one target device is controlled as a function of the command signal while an output device at the receiving end provides an output as a function of the data signal.

A4

16. (Amended) A control device of a system, the system controlling at least one target device, comprising:

- a receiver receiving a transmission signal;
- a demodulator extracting a first signal and a second signal from the transmission signal;
- a command decoder decoding the first signal into the command signal;
- a data decoder decoding a data signal from the second signal; and
- a data transmitter receiving the data signal and providing the data signal to an output device;

wherein the at least one target device is controlled as a function of the command signal while an output device provides an output as a function of the data signal.

A5
Cont

27. (Amended) A method for controlling at least one target device, comprising:

- (a) providing a command signal and a data signal to a first device, the command signal being associated with the data signal;
- (b) converting the command and data signals to a transmission signal using the first device;
- (c) transmitting the transmission signal to a second device;
- (d) extracting the command signal from the transmission signal using the second device;
- (e) controlling the at least one target device as a function of the command signal;
- (f) extracting the data signal from the transmission signal using the second device; and
- (g) providing the data signal to an output device, the output device providing an output as a function of the data signal while the at least one target device is controlled as a

AS
cancel function of the command signal associated with the data signal.

A6 34. (Amended) A method for controlling at least one target device, comprising:

(a) obtaining a first address and a second address from a first device;

(b) providing the first and second addresses to a command device;

(c) providing a message, located at the first address to the first device using the command device, the message including the second address;

(d) transmitting the message, located at the first address, to a second device;

(e) extracting the second address from the message using the second device;

(f) storing the second address using a memory unit;

(g) providing a command signal and a data signal to the first device;

(h) transmitting the command signal, located at the second address, to the second device;

(i) controlling the at least one target device using the command signal;

(j) transmitting the data signal to the second device;

(k) providing the data signal to an output device by the second device; and

(l) providing, by the output device, an output as a function of the data signal while the at least one target device is controlled using the command signal.

A7
cancel 38. (Amended) A computer-readable storage medium storing a set of instructions, the set of instructions capable of being executed by a processor to implement a control operation of at least one target device on at least one computer system, the method comprising:

a7
cont
(a) providing a command signal and a data signal to a first device, the command signal being associated with the data signal;

(b) converting the command and data signals to a transmission signal using the first device;

(c) transmitting the transmission signal to a second device;

(d) extracting the command signal from the transmission signal using the second device; and

(e) controlling the at least one target device as a function of the command signal while an output device provides an output as a function of the data signal to which the command signal is associated.

↓
Please add the following new claims:

a8
cont
41. (New) A communication and control system, comprising:-
an input device generating a data signal;

a command device generating a command signal associated with the data signal;

a first device receiving the data and the command signal associated with the data signal, the first device generating a transmission signal including the data signal and the associated command signal;

a second device receiving the transmission signal and extracting the data signal and the associated command signal from the transmission signal;

an output device receiving the data signal from the second device; and

at least one target device controlled automatically as a function of the associated command signal while the output device provides an output as a function of the data signal.

42. (New) The system according to claim 1, wherein the data signal includes particular content, and the associated command signal is associated with the particular content and wherein

the output device renders the particular content while the at least one target device is controlled as a function of the associated command signal, and wherein the particular content includes at least one of audio data and video data.

43. (New) The system according to claim 1, wherein the at least one target device is controlled automatically as a function of the associated command signal and without user intervention while the output device provides the output.

*as
cancel* ⁴⁴43. (New) The system according to claim 1, wherein the output device and the at least one target device are separate devices. *1.126*

⁴⁵44. (New) A method for controlling a target device, comprising:

receiving a data signal including content;
receiving a command signal, the command signal including commands, associated with the content, for controlling the target device; and
controlling the target device as a function of the commands while rendering the content associated therewith via an output device.

⁴⁶45. (New) The method according to claim 44, wherein the content includes at least one of audio and video.

⁴⁷46. (New) The method according to claim 44, wherein the commands are linked to the content so that the commands are available for accessing to control the target device each time the content associated therewith is rendered.

⁴⁸47. (New) The method according to claim 44, wherein the controlling step includes controlling the target device as a function of the commands while rendering the content associated therewith via the output device, the output device being a separate device from the target device.